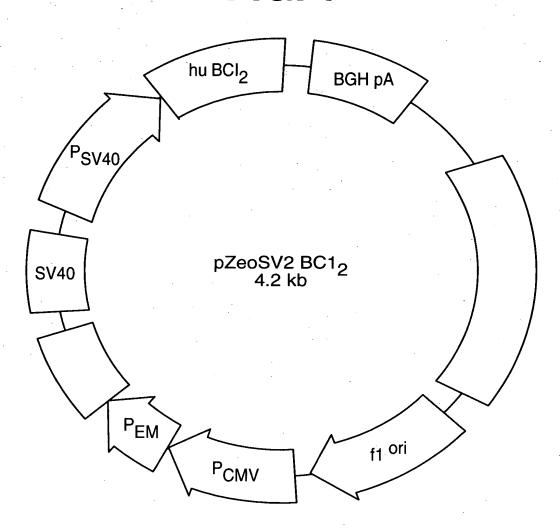
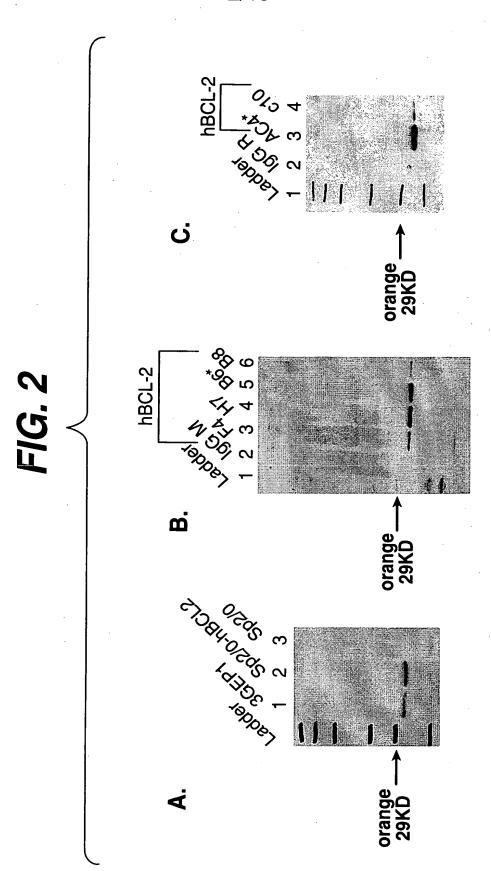


FIG. 1



2/15



TITLE: METHODS AND COMPOSITIONS FOR...
FIRST NAMED INVENTOR: Chichang Lee
APP#: 10/003,632
ATTY: Guy Kevin Townsend
DOCKET #: CEN-0269

TEL. #: 732-524-2517
CUST. #: 000027777 3/15 -IgG M/Bcl-2 --IgG M/BcI-2 → IgG M +IgG M Viable Cell Density in SFM **IgG Titers in SFM** Day 10 FIG. 3D FIG. 3B Day 10 Day Day Day 4 Day 10-Relative Values 5-151 2.5 0.5 Ö Ò ιÖ -- IgG M/BcI-2 --IgG M/Bcl-2 → lgG M + IgG M Total Cell Density in SFM FIG. 3C **Day 10** FIG. 3A Day 10 Viability in SFM Day 7 Day 7 4 4 Day Day <del>1</del>00 40 8 9 က 4 2 %

4/15

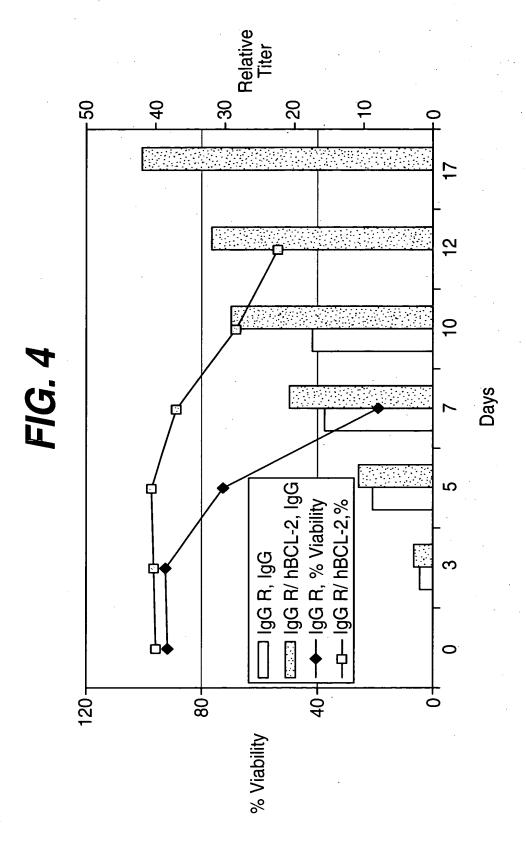


FIG. 5A

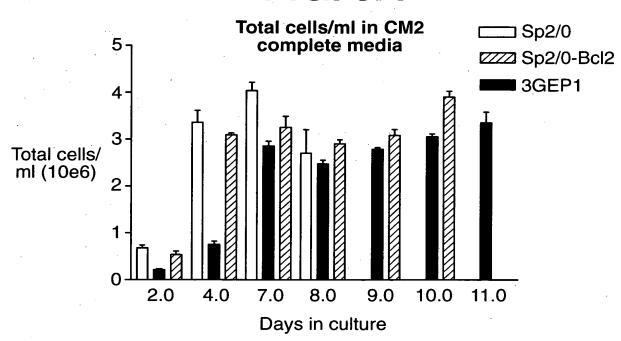


FIG. 5B

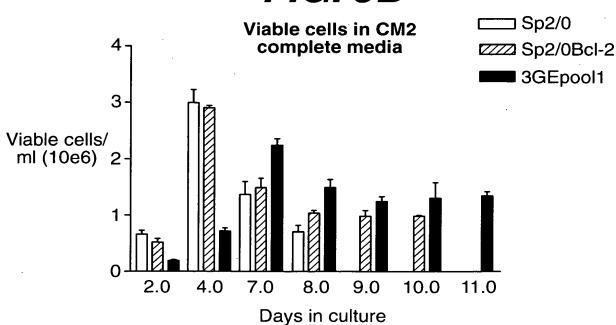


FIG. 5C

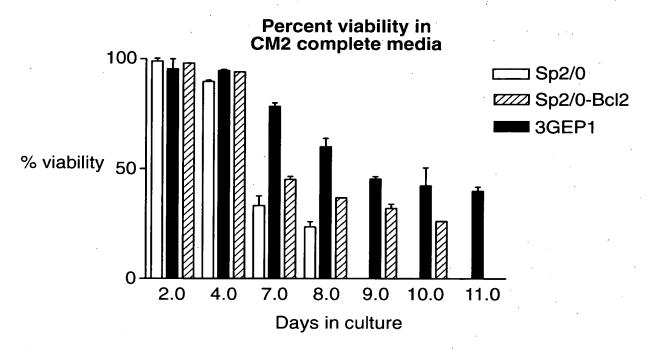
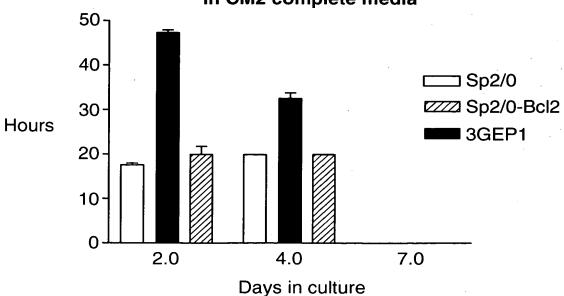
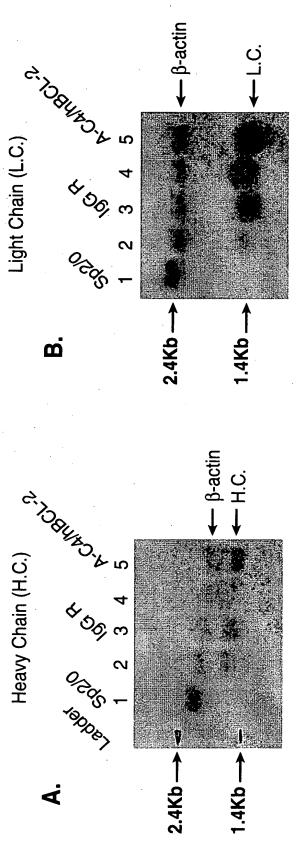


FIG. 5D

Cell doubling time(hrs.) in CM2 complete media



7/15

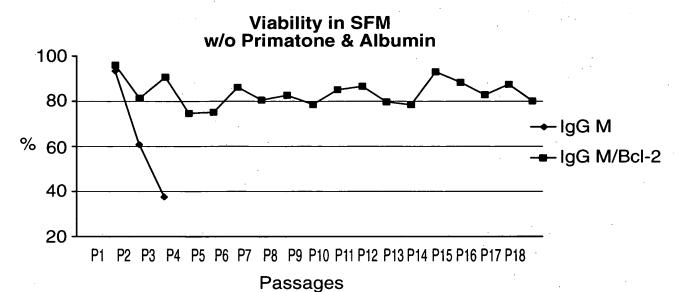


TITLE: METHODS AND COMPOSITIONS FOR... FIRST NAMED INVENTOR: Chichang Lee

APP#: 10/003,632 ATTY: Guy Kevin Townsend DOCKET #: CEN-0269 TEL. #: 732-524-2517 CUST. #: 000027777

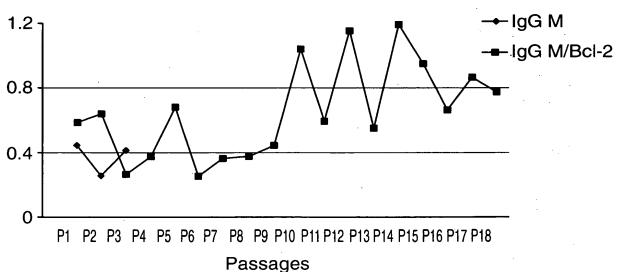
8/15

### FIG. 7A



### FIG. 7B

# Total Cell Density in SFM w/o Primatone & Albumin



9/15

FIG. 8A

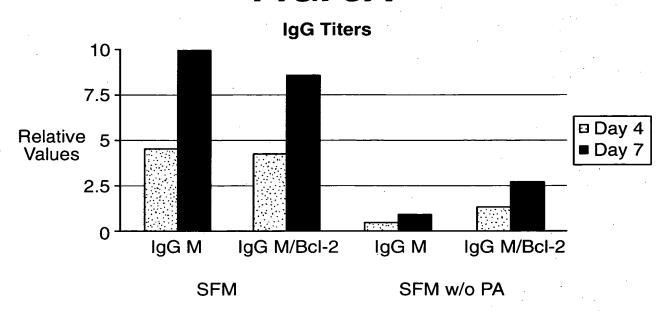
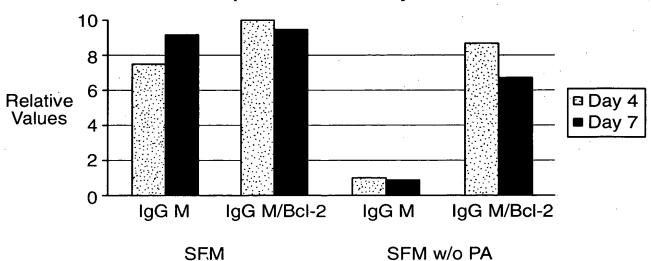
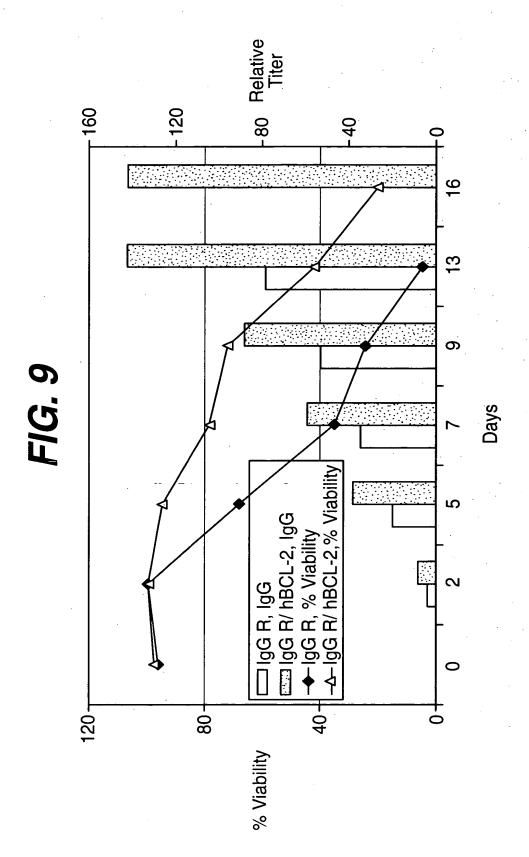


FIG. 8B

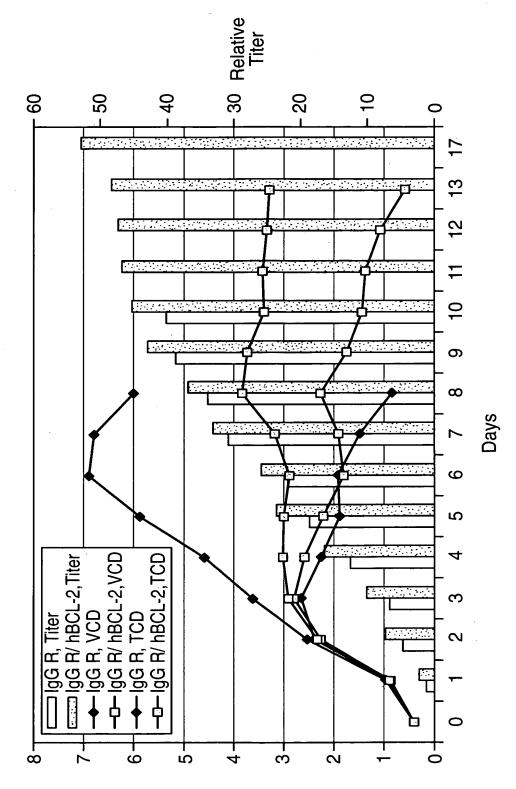
### **Specific Productivity**



10/15



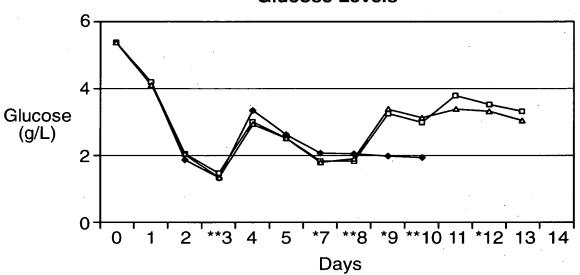
11/15



12/15

## FIG. 11A

**Glucose Levels** 



# FIG. 11B

#### **Glutamine Levels**

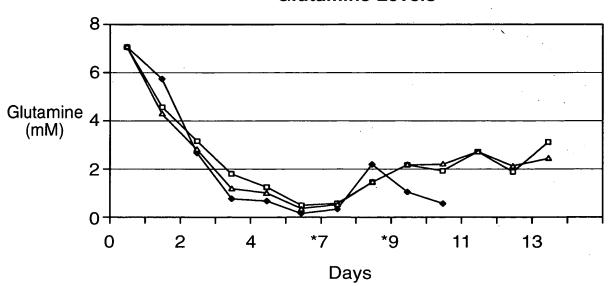


FIG. 11C

**Lactate Levels** 

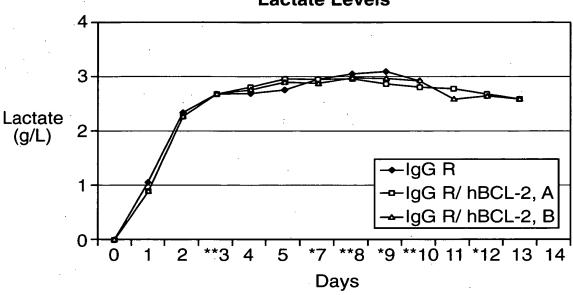
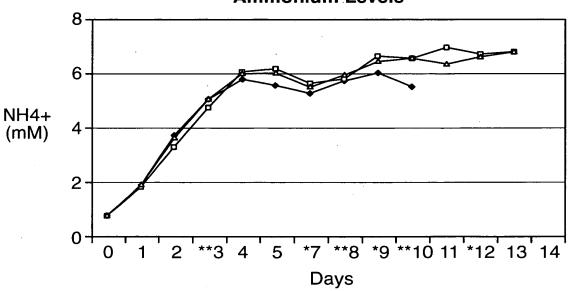
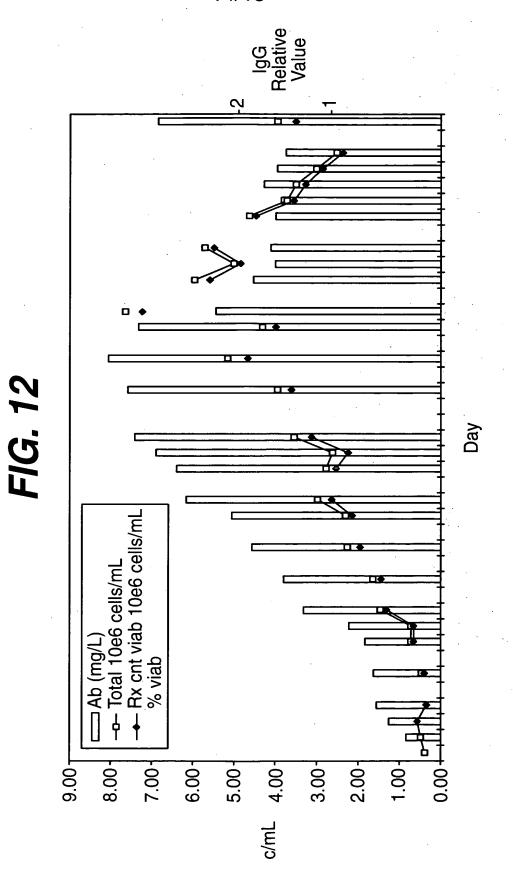


FIG. 11D

**Ammonium Levels** 



14/15



15/15

